115 -001

Power
Podiatry
Chair

Serial Number Prefix: A

This manual applies to 115 units
with Serial Numbers up to A1500.

Ritter® by MIDMARK

Service and Parts Manual

Supplement to Model 115
Service Manual
Part Number 003-0221-00

115 Supplement

FOR USE BY MIDMARK
TRAINED TECHNICIANS ONLY

Part No. 003-0230-00 Rev. D (1/01/04)

MIDMARK™
MEDICAL

Service Bulletin No. 115-l

SUBJECT: Supplement to Model 115 Service Manual - Part No. 003-0221-00.

MODELS: Section A - Model 115 OB/GYN Chairs prior to Serial #A1300.

Section B - Model 115 OB/GYN Chairs from Serial #A1300.

SECTION A

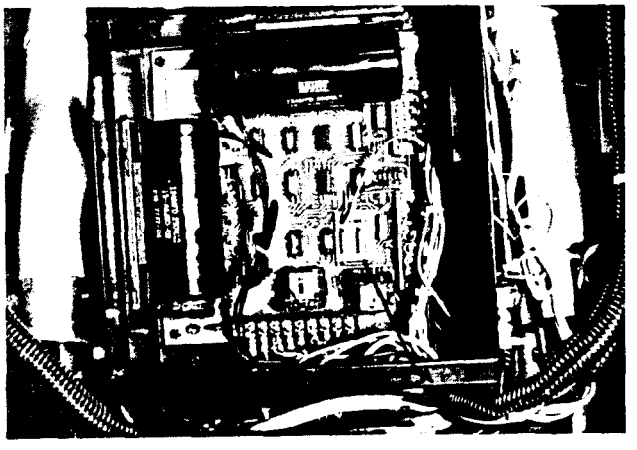
For Models 115 prior to Serial #A1300, a small printed circuit board, Item A, Fig. 1 was added to the control circuit to eliminate the problems associated with a back cylinder drift. Symptoms of the back cylinder drift condition were that the illumination lights would be "on" after the Model 115 had been left in a chair position for an extended period of time and that when depressing the "Table Acquire" foot pedal the seat would rotate away from the back section before the back section was parallel with the floor. For Models 115 prior to Serial #A1300 that have the symptoms of back cylinder drift and have not had the small printed circuit board added to the control circuit, a back cylinder drift control kit, Part No. 002-0093-00, is available from the factory to update the control circuit.

With theaddition of thissmall printed circuit board, wire #11 in the chair is connected to the short jumper wire from the small printed circuit board. See Fig. 1. No wire would be connected to terminal #11 on the main PC board. The drift control kit contains all necessary instructions for this update.

SECTION B

Two significant changes have been made to Models 115 beginning with Serial #A1300 to simplify servicing. First, the main PC (Printed Circuit) board was relocated to allow better access to serviceable components. See Fig. 2 for new location. Second, the connections to terminals #1 through #14 on the PC board were changed to quick-connects to simplify replacing the board. Additionally a small printed circuit board, Item A, Fig. 2 was added to the control circuit to eliminate the problems associated with a back cylinder drift.

With the addition of this small printed board to the control circuit, wire #11 in the chair is connected to the short jumper wire from the small printed circuit board. See Fig. 2. No wire would be connected to terminal #11 on the main PC board.



.. Fig. 1

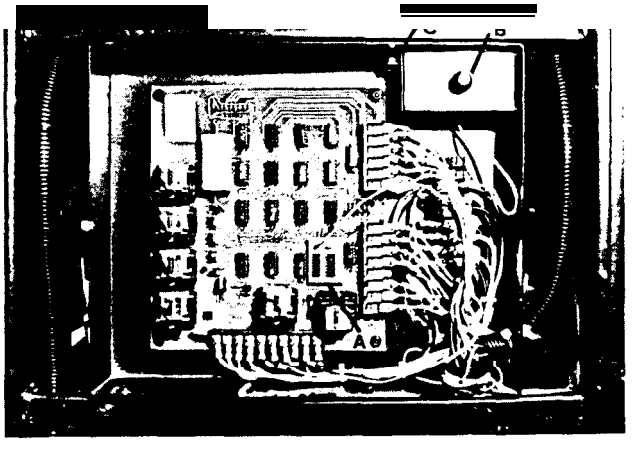


Fig. 2

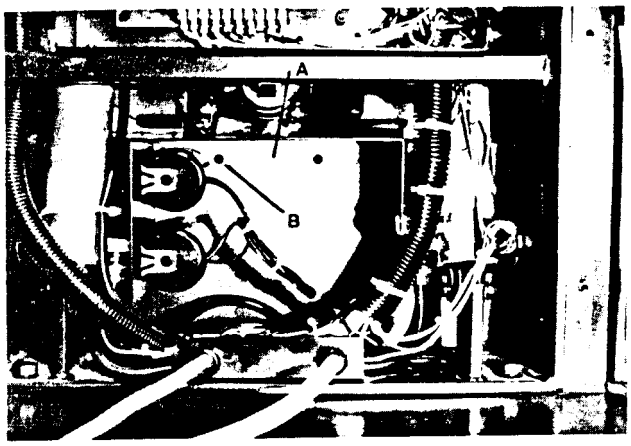


Fig. 3

When servicing a Model 115 with Serial #A1300 or greater, delete all references in the Service Manual to removing or replacing the control enclosure or the two associated sections, control enclosure outer shroud and PC board holder. In place of the control enclosure, a capacitor shroud, Item A, Fig. 3 will have to be removed whenever the back section of the motor cover is removed for replacement of the motor/pump or replacement of either of the two long hose assemblies. This capacitor shroud does not have to be removed for servicing either base cylinder, the base anticavitation solenoid valve, or the base return hose.

To remove capacitor shroud:

DANGER

DISCONNECT POWER CORD FROM WALL RECEPTACLE. FAILURE TO DISCONNECT POWER CORD COULD RESULT IN PERSONAL INJURY.

1) Remove both capacitors from their brackets. Capacitor is held in place by a protrusion on each end of the capacitor engaging in a corresponding slot in the bracket.

2) Remove capacitor shroud by removing (4) #10-**24** x ⅜" screws, Item B, Fig. 3.

To replace capacitor shroud:

1) Place shroud in position and install (4) #10-24x ⅜" screws, Item B, Fig. 3.

2) Install both capacitors in their brackets, making sure the protrusions on each end of the capacitors are fully engaged in the slots in the brackets.

With the PC board relocation, the fuseholder was repositioned and changed to a panel mount fuseholder, Item B, Fig. 2. Additionally, a spare fuse, Item C, Fig. 2 has been provided.

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